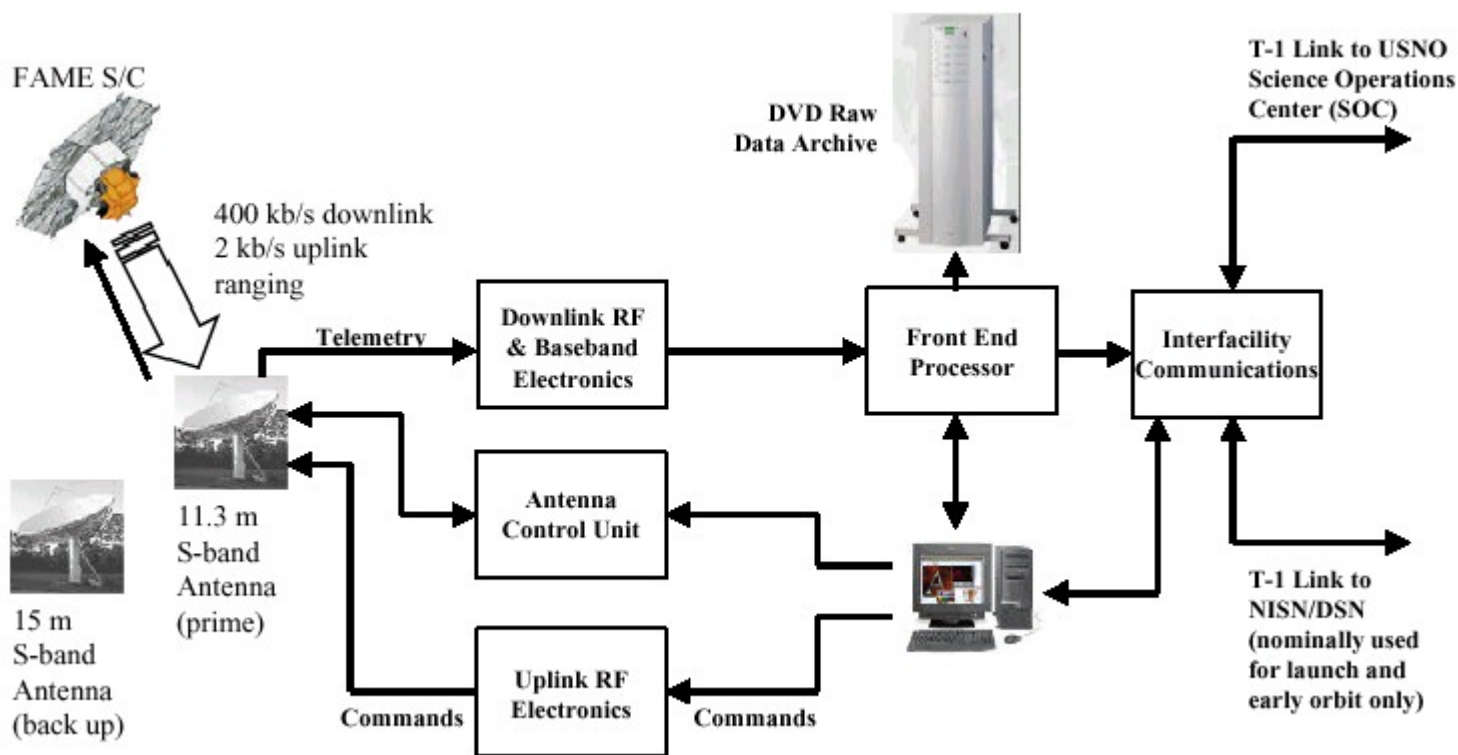
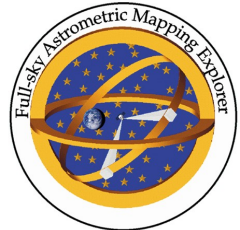
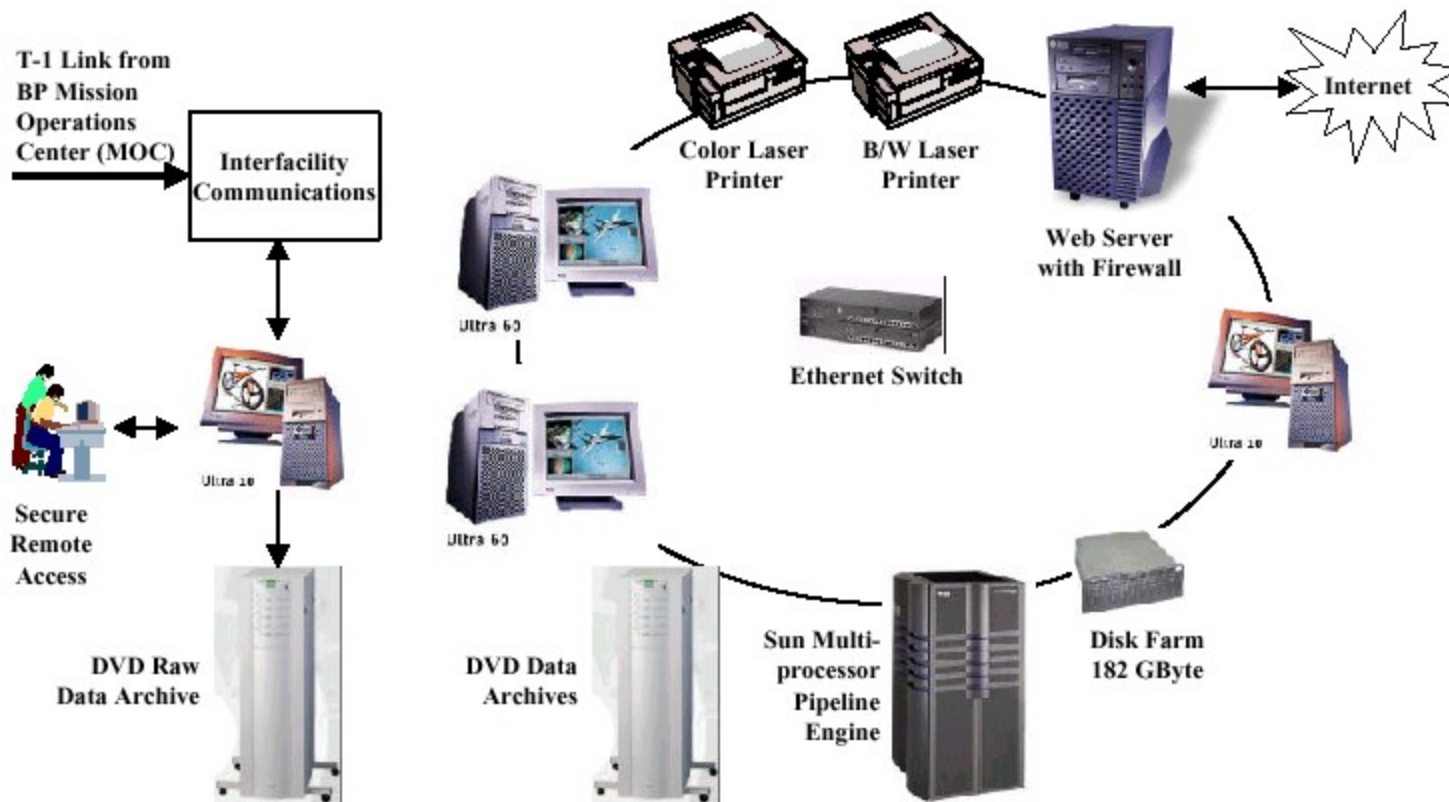


Mission Operations Center (BP)





Science Ops. Ctr. (USNO DC)





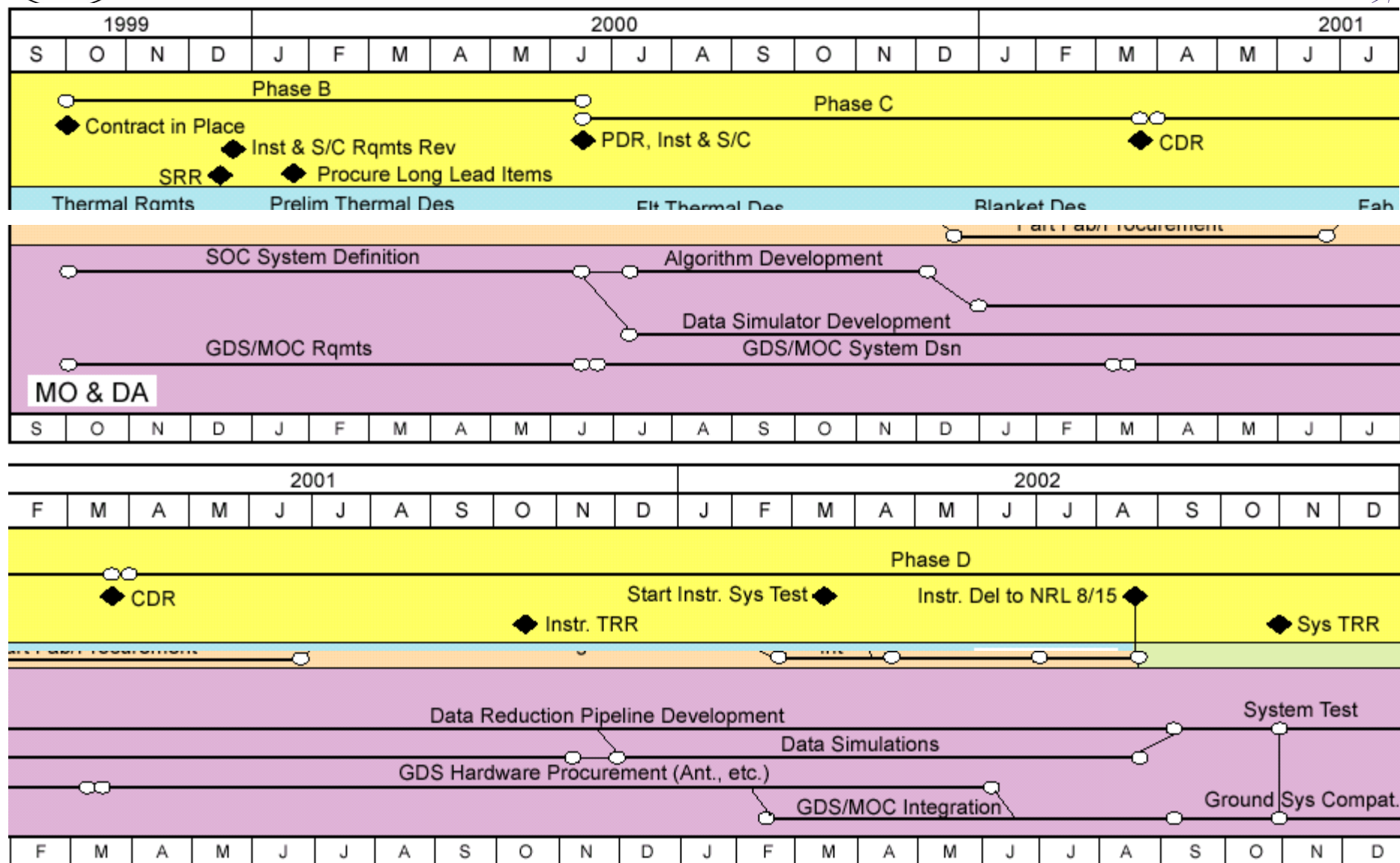
Science Operations

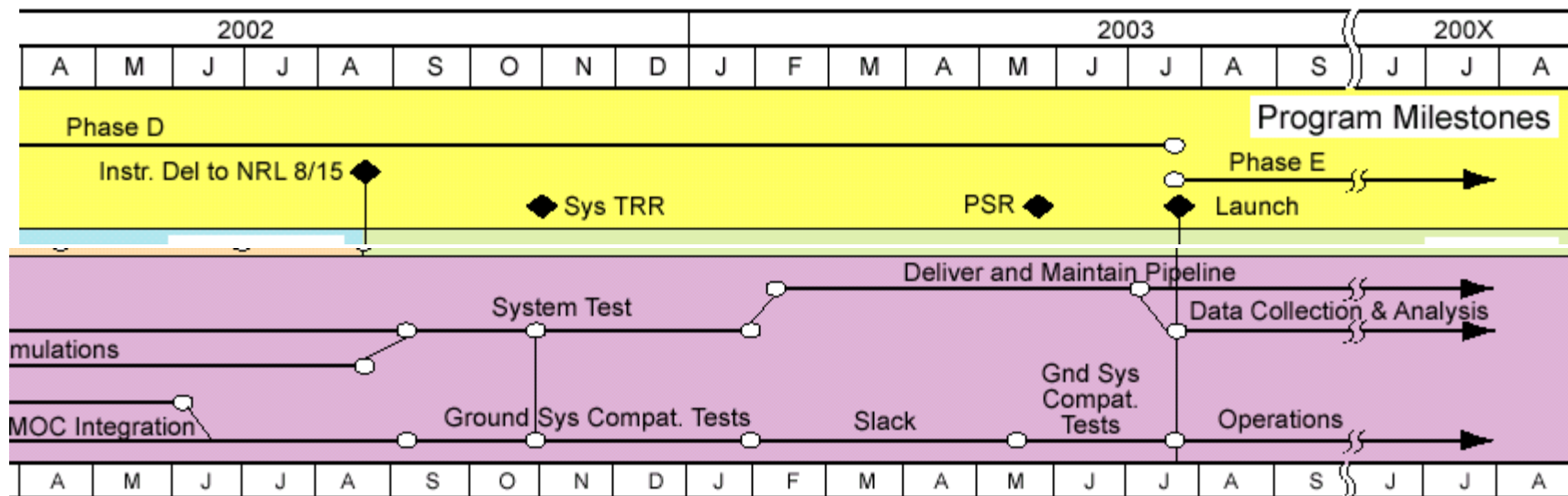


- **SOC receives all S/C telemetry. FAME SOH monitored by both SOC and MOC**
- **MOC operates the S/C bus, SOC operates the instrument, all communications with S/C through the MOC**
 - **SOC develops & tests instrument tasking scripts which are transmitted electronically to MOC for eventual S/C upload**



- **DA effort (of MO&DA) is organized into working groups**
- **Configuration: Bangert (Chair), Munn, Murison, Hennessy, Horner (5)**
- **Mission Simulators: Gaume (Chair), Murison, Monet, Horner, Urban, Zacharias (6)**
- **Input Catalog: Urban (Chair), Monet, Zacharias, Horner (4)**
- **Pipeline: Gaume (Chair), Bangert, Urban, Munn, Pier, Kaplan, Murison, Zacharias, Monet, Hugh Harris, Hennessy, Olling, Lee (13)**
- **EG/ICRF Link: Fey (Chair), Boboltz, Zacharias, Johnston, Gaume, Monet (6)**







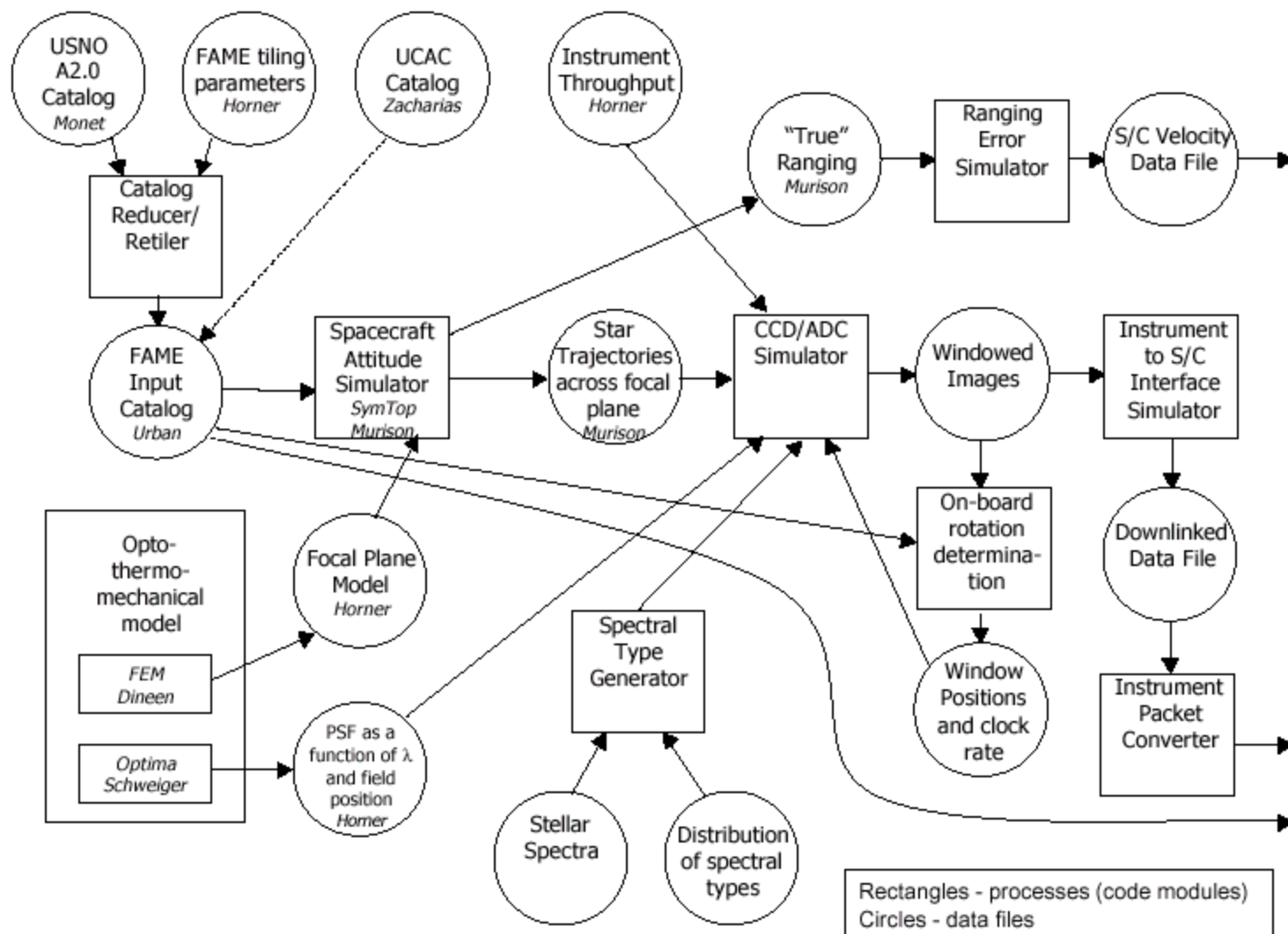
- **Where are we?**
 - **status report**
- **Where do we need to go?**
 - **short term direction**
 - **long term direction**
- **How do we get there?**
 - **resources required (short term/long term)**
 - **personnel required (short term/long term)**

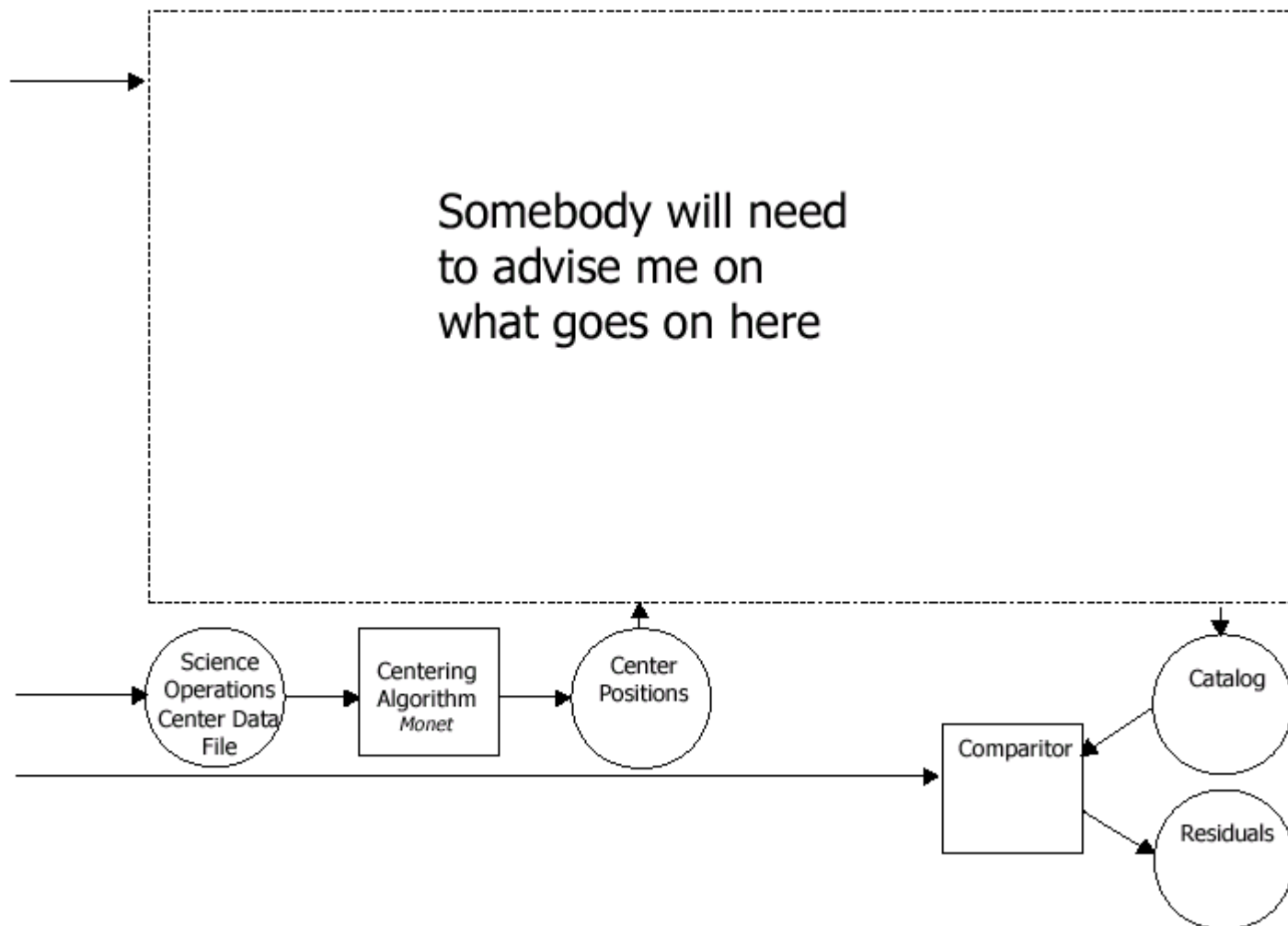
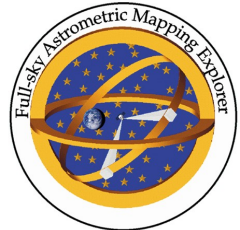


Mission Simulators WG



- **Members: Gaume (Chair), Murison, Monet, Horner, Urban, Zacharias**
- **Status: Work is progressing on Bits n Pieces:**
 - **Simulator Input Catalog: Sean**
 - **S/C rotation/attitude: Marc**
 - **Instrument Optical Model: Scott**
 - **Centering: Dave, Norbert**
- **Directions:**
 - **DFD is a roadmap. Need to adopt one...**



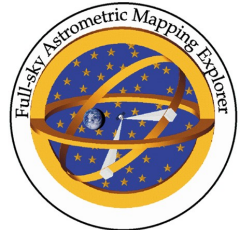




Mission Simulators WG



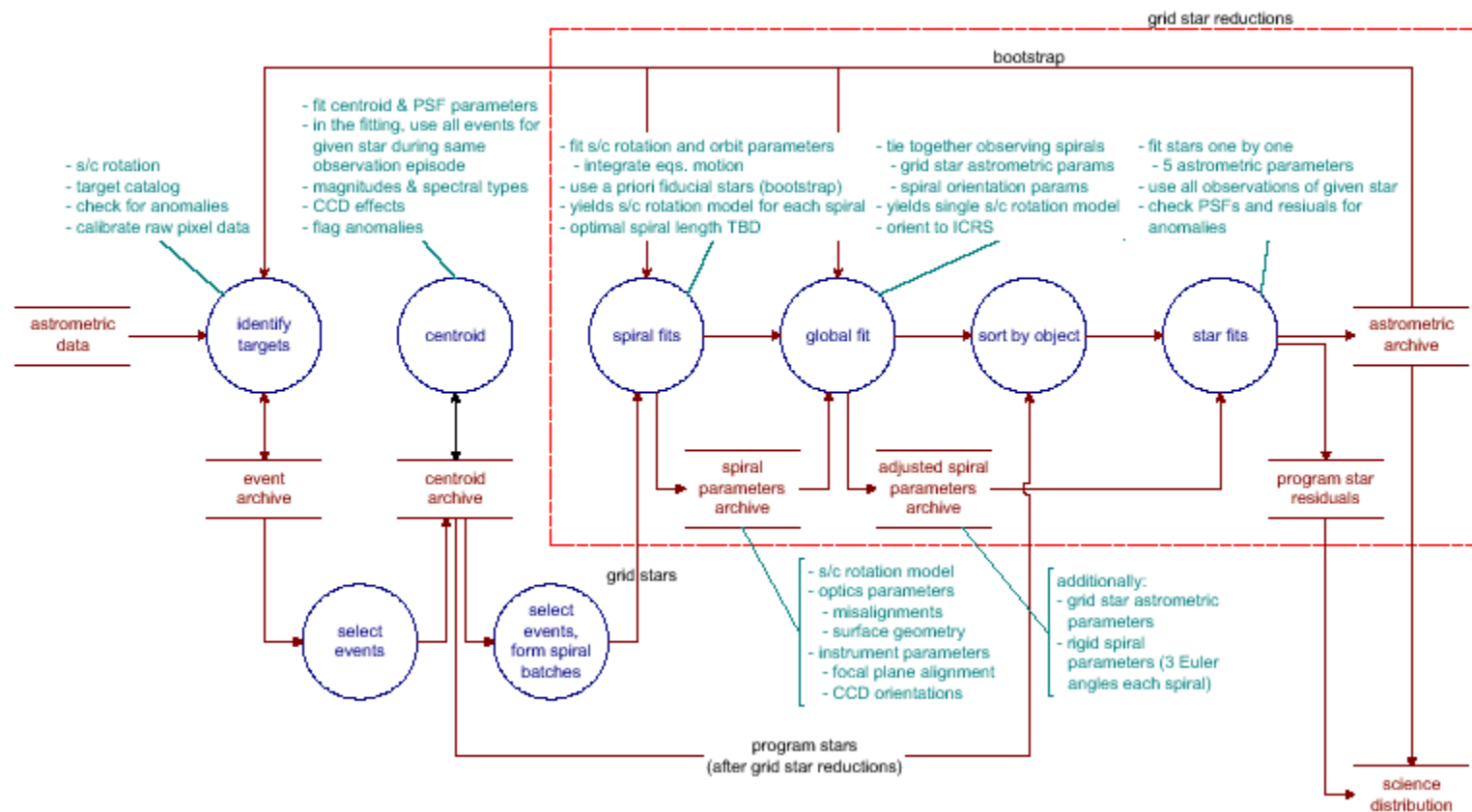
- **Directions:**
 - **DFD is a roadmap. Need to adopt one...**
 - **Deal with “standards” issue.**
 - **Current “Bits n Pieces” easily interface with other modules?**
 - **Future modules must interface, Data Model is a roadmap**
 - **Configuration Standards implemented**
 - **Support of System Requirements Review (Nov 14, 15)**
 - **What System requirements can be adequately & realistically addressed by simulation software in the next 2 months?**
- **How do we get there:**
 - **Adopt DFD**
 - **Some areas of Simulator are already tasked.**
 - **Other areas need to be tasked.**



Pipeline WG



- **Members: Gaume (Chair), Bangert, Urban, Munn, Pier, Kaplan, Murison, Zacharias, Monet, Hugh Harris, Hennessy, Olling, Lee**
- **Status: Work is progressing on Bits n Pieces:**
- **Directions:**
 - **DFD is a roadmap. Need to adopt one...**





Pipeline WG



- **Directions:**
 - **DFD is a roadmap. Need to adopt one...**
 - **Need to deal with Algorithm Issue: Great Circle or Spiral Reduction, or both**
 - **How should the Pipeline WG support the November SRR?**
- **How do we get there?**
 - **Must adopt DFD**
 - **Must begin Algorithm Development**
 - **Pipeline responsibilities tasked**